CENTRAL INTELLIGENCE AGENCY

REPORT NO. [redacted]

INFORMATION REPORT

CONFIDENTIAL

CD NO

COUNTRY Hungary

DATE DISTR 2 Feb 52

SUBJECT 1. Plan for Hydro-Electric Plants
2. Construction of Plant at Tiszalök

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SUPPLEMENT TO REPORT NO

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1. The hydro-electric plant at Tiszalök will be constructed according to a plan that Hungarian experts have had worked out for some time for harnessing the water power of the Tisza River. This plan calls for constructing four cascade systems and a hydro-electric plant with each of them.

2. The height of the head of water at the four systems will be as follows:

At Tiszalök: . . . . 5.50 meters
At Tiszafüred: . . . 5.00 meters
At Szolnok: . . . . 5.00 meters
At Szeged: . . . . . 6.75 meters

3. The capacity of the plants will be as follows:

Tiszalök: . . . . 15,000 KW
Tiszafüred: . . . . 12,000 KW
Szolnok: . . . . . 12,000 KW
Szeged: . . . . . 10,000 KW

4. Figuring on the basis of a normal water level, the quantity of electric power produced in a year would be as follows:

Tiszalök: . . . . . 60 million KW hours
Tiszafüred: . . . . 40 million KW hours
Szolnok: . . . . . 40 million KW hours
Szeged: . . . . . 50 million KW hours

5. By weighing costs of investment against quantity of electric power to be produced it has been determined that the plant at Tiszalök will be the most profitable of the four plants in question and will therefore be constructed first.

6. Construction of the plant at Tiszalök was begun on 25 February 1950. The plant is scheduled to start operating at the end of 1952.

7. The fundamental principle of the plant and dam at Tiszalök rests on the idea of connecting the Tisza to the waterway system of the Körös rivers in order to make navigation possible. A canal from Tiszalök will touch at Hajdunanas, Balmazujvaros, and Berettyoujfalu and will enter the Berettyo River.